

## WESTERN RESERVE CHEMICAL

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## MATERIAL SAFETY DATA SHEET

**BHT**

CAS #

**128-37-0**

### 1. Product Identifications

Product Name: BHT  
Chemical Name: 2,6-di-tert-butyl-p-cresol  
Formula: C<sub>15</sub>H<sub>24</sub>O

### 2. Physical Description/Properties

Specific Gravity: 1.03  
Melting Point (C° Min): 69  
PH Value: NA  
Appearance: White to colorless crystals  
Odor: Odorless  
Solubility: Soluble in Chloroform, acetone, ethyl acetate,  
and in ethylalcohol. Insoluble in water, dilute  
acid and dilute alkali.  
Ash: 20 mg/kg max

### 3. Hazard Information

#### **Combustible dust**

Keep away from heat, sparks and flame.  
Eye irritant-Can cause redness, tearing and swelling.  
Skin contact may cause allergic reaction.  
Inhalation may cause upper respiratory irritation.  
BHT is considered to be non-toxic through ingestion.

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### **4. First Aid Information**

Skin:	Remove contaminated clothing and wash before re-use. Immediately wash contaminated skin with running water.
Ingestion:	Immediately rinse mouth with water. Induce vomiting only at the instruction of a physician. Seek immediate medical attention.
Eyes:	Flush with water for 15 minutes. Seek medical attention if irritation persists.
Inhalation:	Remove person to fresh air. Get immediate medical attention if breathing is difficult or short.

### **5. Handling and Storage**

Storage:	Store in a dry well-ventilated area avoiding direct exposure to sunlight. Avoid contact with moisture.
Stability in storage:	Two years

### **6. Employee Protection Recommendations**

The employee should wear protective clothes and avoid direct physical contact with the product.

Eye Protection: Wear chemical safety glasses or goggles

Hand Protective Requirements: Wear protective gloves.

Skin Protective Requirements: Wear overalls.

Ventilation: Local exhaust

### **7. Toxicological Information**

Low toxicity

LD50 acute oral for rats: >2000 mg/kg

LD50 acute skin for rabbits: slightly irritating

### **8. Fire and Explosion Data**

Flash point:	260°F
Exposure standard limits:	Not available
Flammable	
Extinguish Media:	Spray water, Carbon Dioxide, foam, sand or dry chemical.

**9. Reactivity**

Chemical stability: Stable when stored in original container protected from heat and moisture.

Hazardous Polymerization: Does not occur.

Materials to avoid: Strong oxidizers, acids and water.

Hazardous products of decomposition: Carbon monoxide and carbon dioxide.

**10. Accidental Release and Disposal**

Spills: Sweep and place in closable container. Avoid generation of dust. Wear appropriate protective clothing and safety devices. Do not use water to remove spilled material.

Disposal: Bury waste and empty containers in licensed landfill in adherence to federal, state and local regulations.

**11. Transportation Information**

DOT Status	Not regulated
DOT shipping name	BHT
DOT reportable qty. (lbs)	None
ICAO/IATA Status	Not regulated
Proper shipping name	2,6-di-tert-butyl-p-cresol
UN/NA number	None
IMDG Status	Not regulated
TDG Canada	Not regulated

**12. Regulatory Information**

Worldwide Inventory Status	
TSCA (USA):	Listed
Canadian DSL:	Listed
Canadian NDSL:	N/A
EINECS/ELINCS (Europe):	Listed
Japanese Inventory (ENCS):	Listed
Korean Chemical Inventory (ECL):	Listed
Australian Chemical Inventories (AICS):	Listed
New Zealand (NZ):	Listed
Philippines (PICCS) Inventory:	Listed
China (CLECS):	Listed

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US Regulatory Rules	
SARA Section 302:	None
SARA 311/312 Hazard Categories:	None
SARA 313 Chemical:	None
RCRA Status:	Not a RCRA waste

Other Regulations:	
California Proposition 65:	None
New Jersey Right-to-Know List:	2,6-Di-tert-butyl-p-cresol
Pennsylvania Right-to-Know List:	N/A
Florida Right-to-Know:	N/A
Minnesota Right-to-Know:	N/A
MA Right-to-Know Law:	N/A

### **13. Other Information**

HMIS Classification Health 1 Flammability 1 Reactivity 1

Important Note: The information provided is without warranty regarding its accuracy or completeness. The information may not be valid under all conditions. The user has the final responsibility for determining the suitability of the product in a given application.